

# Sourya Bhattacharya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2719973/publications.pdf>

Version: 2024-02-01

9  
papers

290  
citations

1478505

6  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

500  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding structure-based dynamic interactions of antihypertensive peptides extracted from food sources. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 635-649.	3.5	9
2	Understanding the molecular interactions of inhibitors against Bla1 beta-lactamase towards unraveling the mechanism of antimicrobial resistance. <i>International Journal of Biological Macromolecules</i> , 2021, 177, 337-350.	7.5	4
3	A comprehensive characterization of novel CYP-BM3 homolog (CYP-BA) from <i>Bacillus aryabhatai</i> . <i>Enzyme and Microbial Technology</i> , 2021, 148, 109806.	3.2	0
4	Variations in the SDN Loop of Class A Beta-Lactamases: A Study of the Molecular Mechanism of BlaC ( <i>Mycobacterium tuberculosis</i> ) to Alter the Stability and Catalytic Activity Towards Antibiotic Resistance of MBIs. <i>Frontiers in Microbiology</i> , 2021, 12, 710291.	3.5	3
5	Anti-hypertensive Peptide Predictor: A Machine Learning-Empowered Web Server for Prediction of Food-Derived Peptides with Potential Angiotensin-Converting Enzyme-I Inhibitory Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 14995-15004.	5.2	15
6	An insight into the complete biophysical and biochemical characterization of novel class A beta-lactamase (Bla1) from <i>Bacillus anthracis</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 145, 510-526.	7.5	11
7	The basics of epithelialâ€mesenchymal transition (EMT): A study from a structure, dynamics, and functional perspective. <i>Journal of Cellular Physiology</i> , 2019, 234, 14535-14555.	4.1	159
8	U32 collagenase from <i>Pseudoalteromonas agarivorans</i> NW4327: Activity, structure, substrate interactions and molecular dynamics simulations. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 635-650.	7.5	13
9	Cadherin profiling for therapeutic interventions in Epithelial Mesenchymal Transition (EMT) and tumorigenesis. <i>Experimental Cell Research</i> , 2018, 368, 137-146.	2.6	76